

1903.

RIVER TYNE
PORT SANITARY AUTHORITY.

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH.

NEWCASTLE-UPON-TYNE :

ANDREW REID & COMPANY, LIMITED, PRINTING COURT BUILDINGS.

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River Tyne Port Sanitary Authority.

CONSTITUTED BY LOCAL GOVERNMENT BOARD'S ORDER, DATED 29TH MARCH, 1897.

Elected by the Corporation of Newcastle.

ALDERMAN JOHN GOOLDEN.
COUNCILLOR WILLIAM EDWARD KIRBY.
COUNCILLOR GEORGE CHRISTOPHER COATES (*Vice-Chairman*).
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ALDERMAN GEORGE AUBURN ALLAN.

Elected by the Urban District Councils of Benwell and
Fenham, Blaydon, Newburn, and Whickham.

COUNCILLOR WILLIAM ROBSON.

Elected by the Urban District Councils of Felling and Hebburn.

COUNCILLOR BERNARD KELLY.

Officers :

Medical Officer of Health	...	...	...	...	WM. EDMUND HARKER, M.D., B.S., D.Hy.
Clerk and Solicitor	...	...	...	...	R. SHERITON HOLMES.
Treasurer	...	...	...	...	JOHN J. PACE.
Inspector of Nuisances	...	..	..	...	CHARLES IRVIN.
Assistant Inspectors	...	...	...	...	JOHN RUSSELL, T. W. STURDY, J. W. DAVISON.

Offices : Caledonian Buildings, 145, Pilgrim Street, Newcastle-upon-Tyne.

Inspector's Station : River Tyne Port Sanitary Offices, Mill Dam, South Shields.

River Tyne Port Sanitary Authority.

TYNEMOUTH,

NORTHUMBERLAND,

January, 1904.

MR. ALD. EDWARD SMITH HINDMARSH, J.P.,

CHAIRMAN OF THE RIVER TYNE PORT SANITARY AUTHORITY.

SIR,

I have the honour to present herewith my Annual Report for the year 1903. Only one case of Smallpox occurred in the Tyne Port during the past year. The acquisition of a new suite of Central Offices and Board Room in the Caledonian Buildings, Pilgrim Street, Newcastle, also the completion of a new Administrative Block at the Floating Hospital are important events, the result of part of the year's work of the Authority which add materially to the equipment and efficiency of the Tyne Port.

I am, Sir,

Your obedient Servant,

W. EDMUND HARKER.

RIVER TYNE PORT SANITARY AUTHORITY.

Report of the Medical Officer of Health for the Year ended 31st December, 1903.

Infectious Disease in the Port.—Patients admitted into the Floating Hospital and Deans Hospital.

During 1903, 10 patients have been admitted into the Floating Hospital. 2 patients were admitted into the Deans Hospital and 1 into the North Shields Hospital. The subjoined Table gives particulars as to the cases and their issue:—

TABLE I.
Floating Hospital.

Date of Admission.	Disease.	Cases Admitted.	Name of Vessel.	Where from.	Result.
1903.					
Jan. 15th ...	Measles ...	1	s.s. "Riberhuus" ...	Copenhagen ...	Discharged Jan. 26, 1903
Feb. 9th ...	Enteric Fever ...	1	s.s. "Port Victoria" ...	Antwerp ...	Died Feb. 12, "
" 15th ...	Scarlet Fever ...	1	sch. "Lady Flora Hastings" ...	London ...	Discharged Mar. 30, "
" 15th ...	Beri Beri ...	1	Bk. "Dunkerque" ...	Dunkirk ...	" Feb. 20, "
" 15th ...	" ...	1	" ...	" ...	" " 20, "
" 19th ...	Enteric Fever ...	1	s.s. "Ottawa" ...	Gothenburg ...	" Apr. 1, "
" 23rd ...	Beri Beri ...	1	s.s. "Clavering" ...	Calcutta, Dundee ...	" Feb. 26, "
May 1st ...	Smallpox ...	1	bk. "Glencona" ...	S. Francisco, Liverpool	" May 10, "
" 8th ...	Enteric Fever ...	1	s.s. "Gordonia" ...	Antwerp ...	" July 9, "
Dec. 14th ...	" ...	1	s.s. "Matt Bedlington" ...	Ergasteria ...	Still in hospital.
		10			

North Shields Hospital.

1903.					
July 7th ...	Suspected Smallpox ...	1	s.s. "Elantsobe" ...	Bilbao and Middlesbro'	Discharged July 14, 1903

Deans Hospital.

1903.					
Aug. 15th ...	Enteric Fever ...	1	s.s. "Diligent" ...	Poti ...	Discharged Sep. 8, 1903
Sep. 7th ...	" ...	1	s.s. "Helios" ...	Stettin ...	Died " 14, "
		2			

Vessels Boarded by the Medical Officer of Health.

59 vessels have been visited by Medical Officer of Health on account of reported or suspected sickness on board.

The following table gives the list of vessels boarded during 1903 by the Medical Officer of Health on account of disease on board during the voyage, or at the time of arrival in the Tyne:—

TABLE II.

Date.	Name of Vessel.	Nationality.	Where From.	Nature of Sickness.	REMARKS.
Jan. 5	s.s. "Rossija" ...	Russian ...	Libau and Rotterdam	Enteric Fever ...	A case of Enteric Fever developed on shore after arrival, and was removed to North Shields Hospital. Vessel was disinfected, water changed and tanks cleansed.
" 5	s.s. "Luna" ...	British ...	Novorossisk and Horsens	Non-infections ...	Medical Officer of Health boarded vessel and found one of the crew suffering from an abscess in the groin and one from a non-infectious complaint.
" 10	s.s. "Clio" ...	" ...	Braila and Antwerp	"	Medical Officer of Health boarded vessel and found two of the crew suffering from a non-infectious disease.
" 15	s.s. "Riberhuus" ...	Dane ...	Copenhagen	Measles ...	Medical Officer of Health found the captain suffering from Measles and ordered his removal to the Floating Hospital.
" 17	s.s. "Bombay" ...	British ...	Bombay and Antwerp	Swollen Face ...	Medical Officer of Health physically examined the crew of 40 Lascars and found one suffering from a non-infectious disease; the remainder were all well.
" 22	s.s. "Chaco" ...	Argentine Republic	Antwerp ...	Pneumonia ...	Medical Officer of Health boarded vessel and found one of the crew suffering from Pneumonia. Medical treatment recommended.
" 29	s.s. "Edward Eccles" ...	British ...	London ...	Tonsilitis ...	Medical Officer of Health boarded vessel and found one of the crew suffering from Tonsilitis. Medical treatment recommended.
" 29	s.s. "John Ormston" ...	" ...	Hamburg ...	—	This vessel was fumigated in accordance with Plague Regulations at Hamburg.
Feb. 9	s.s. "Port Victoria" ...	" ...	Antwerp ...	Enteric Fever ...	Medical Officer of Health boarded this vessel and found the watchman suffering from Enteric Fever. He was removed to the Floating Hospital, where he died on the 12th. Vessel was disinfected, water was changed and tanks cleansed.
" 9	s.s. "Pandusia" ...	" ...	Bremen ...	Non-infectious ...	Medical Officer of Health boarded the vessel and found one of the crew suffering from a non-infectious disease. Medical treatment recommended.
" 12	s.s. "Monomoy" ...	" ...	Rotterdam ...	Rheumatism ...	Medical Officer of Health boarded the vessel and found one of the crew suffering from a non-infectious disease. Medical treatment recommended.

TABLE II.—Continued.

Date.	Name of Vessel.	Nationality.	Where From.	Nature of Sickness.	REMARKS.
Feb. 15.	bk. "Dunkerque"...	French ...	Dunkirk ...	Beri Beri ...	Two of the crew were suffering from Beri Beri and were removed to the Floating Hospital. The crew-spaces and effects were thoroughly disinfected.
,, 15	sch. "Lady Flora Hastings"	British ...	London ...	Scarlet Fever ...	Medical Officer of Health found one of the crew suffering from Scarlet Fever and ordered his removal to the Floating Hospital. Forecastles were disinfected.
,, 19	s.s. "Ottawa" ..	,, ...	Gothenborg	Enteric Fever ...	Medical Officer of Health found one of the crew suffering from Enteric Fever and he was ordered to the Floating Hospital. Crew-spaces were thoroughly disinfected, water changed and tanks cleansed.
,, 23	s.s. "Clavering" ...	,, ...	Calcutta and Dundee	Beri Beri ...	One of the Chinese crew was removed to the Floating Hospital suffering from Beri Beri.
,, 23	s.s. "Warkworth"	,, ...	Hamburg ...	—	This vessel was fumigated in accordance with Plague Regulations at Hamburg.
Mar. 4	sch. "Lady Flora Hastings"	,, ...	London ...	—	Medical Officer of Health examined the crew as there had been a Smallpox contact on board and found the crew all well.
,, 6	s.s. "Kamma" ...	Dane ...	Bo'ness ...	Syphilis ...	Medical Officer of Health found one of the crew suffering from a non-infectious complaint. Medical treatment recommended.
,, 6	bk. "Martinin" ...	Italian ...	Buenos Ayres	—	Medical Officer of Health boarded this vessel and examined the crew and found them all well.
,, 12	bk. "Pallas" ...	Norwegian	Goole ...	Cold ...	Medical Officer of Health found one of the crew suffering from a non-infectious disease. Medical treatment recommended.
,, 19	s.s. "Royal Dane"...	British ...	Hamburg ...	—	This vessel was fumigated in accordance with Plague Regulations at Hamburg.
April 3	s.s. "Hawnby" ..	,, ...	Rosario ...	Non-infectious ...	Medical Officer of Health boarded this vessel and found three of the crew suffering from a non-infectious complaint; the remainder of the crew were all well.
May 1	bk. "Glencona" ...	,, ...	Liverpool ...	Smallpox ...	Medical Officer of Health found the steward suffering from Smallpox; he was removed to the Floating Hospital. The names and addresses of all contacts taken and sent to the Medical Officer of Health of North and South Shields. Eleven of the crew on board re-vaccinated, including the captain's wife and two children; cabins, saloons and forecastles thoroughly disinfected.

TABLE II.—*Continued.*

Date.	Name of Vessel.	Nationality.	Where From.	Nature of Sickness.	REMARKS.
May 4	s.s. "Anchenblae"...	British ...	Rotterdam...	Malarial Fever ...	Medical Officer of Health boarded this vessel and found one of the crew suffering from Malarial Fever. Medical treatment recommended.
„ 7	s.s. "Gordonia" ...	„ ...	Antwerp ...	Enteric Fever ...	Medical Officer of Health found one of the crew suffering from Enteric Fever and ordered his removal to the Floating Hospital. The crew-spaces were thoroughly disinfected, the water changed and tanks cleansed.
„ 12	bri. "Iduna" ...	Swede ...	Monsteres ...	Colic ...	Medical Officer of Health boarded this vessel at the Quarantine Buoys, and found one of the crew suffering from a non-infectious complaint. Medical treatment recommended.
„ 15	s.s. "Statia" ...	British ...	London ...	Quinsy ...	Medical Officer of Health found one of the crew suffering from Quinsy. Medical treatment recommended.
„ 18	s.s. "Jacob Bright"	„ ...	Mobile ...	Accident ...	Medical Officer of Health found one of the crew suffering from Accident. Medical treatment recommended.
„ 22	Training Ship "Wellesley"	„ ...	River ...	—	Medical Officer of Health boarded this vessel on account of a consignment of 50 suspected blankets, the whole of the number were sent to the steam disinfectors, and were disinfected and returned to the ship,
„ 23	s.s. "Florida" ...	„ ...	Hamburg ...	Non-infectious ...	Medical Officer of Health found one of the crew of Lascars suffering from a non-infectious complaint. Medical treatment recommended.
July 4	s.s. "Warkworth"	„ ...	„ ...	—	Fumigated in accordance with Plague Regulations at Hamburg.
„ 7	sch. "Belvedere" ...	„ ...	London ...	Heart Disease ...	Medical Officer of Health examined the body of the Captain who had been found dead in bed, and found that he had not suffered from any infectious disease.
„ 7	s.s. "Elantsobe" ...	Spanish ...	Bilbao and Middlesbro'	Suspected Smallpox	Medical Officer of Health boarded vessel and found one of the seamen suffering from suspected Smallpox, vessel and crew's effects disinfected. Case afterwards proved to be German Measles.
„ 20	s.s. "Pearl" ...	British ...	Aquilas and Granton ...	Rheumatism ...	Medical Officer of Health boarded vessel and found one of the crew suffering from a non-infectious complaint. Medical treatment recommended.
„ 20	s.s. "Glitra" ...	German ...	Rotterdam...	Cold ...	Medical Officer of Health found the steward suffering from a non-infectious disease. Medical treatment recommended.
„ 22	s.s. "Gorbea Mendi"	Spanish ...	Bilbao and Middlesbro'	Malarial Fever ...	Medical Officer of Health found one of the crew suffering from the effects of Malarial Fever. Medical treatment recommended.

TABLE II.—Continued.

Date.	Name of Vessel.	Nationality.	Where From.	Nature of Sickness.	REMARKS.
Aug. 15	s.s. "Diligent" ...	British ...	Poti ...	Enteric Fever ...	One of the crew was found to be suffering from Enteric Fever, and he was removed to the Deans Hospital. The crew space was thoroughly disinfected, the water changed and tanks cleansed.
,, 17	s.s. "Buccaneer" ...	,, ...	Hamburg ...	—	This vessel was fumigated in accordance with Plague Regulations at Hamburg.
,, 22	s.s. "Tromp" ...	Dutch ...	Mobile ...	Enteric Fever ...	Medical Officer of Health boarded vessel and examined a seaman, and ordered his removal to Tynemouth Infirmary. Vessel was disinfected, water changed and tank cleansed.
,, 27	s.s. "Rivas" ...	Spanish ...	Bilbao ...	Indigestion ...	One of the seamen was found suffering from a non-infectious disease. Medical treatment recommended.
Sept. 7	s.s. "Helios" ...	German ...	Bergen ...	Enteric Fever ...	One of the crew who was suffering from Enteric Fever was removed to the Deans Hospital, South Shields. The crew space was thoroughly disinfected, the water changed and tanks cleansed.
,, 7	s.s. "John Ormston"	British ...	Hamburg ...	—	Vessel fumigated in accordance with Plague Regulations at Hamburg.
,, 9	s.s. "Cayo Bonito"	,, ...	Stettin ...	Septic Tonsilitis	Medical Officer of Health boarded vessel and found the 2nd Officer suffering from Septic Tonsilitis. Medical treatment recommended.
,, 15	s.s. "Westmoor" ...	,, ...	Gulf Port and Rotterdam	Acne ...	One of the crew found suffering from Acne. Medical treatment recommended.
,, 21	s.s. "Malachite" ...	,, ...	Garston ...	Heart Disease ...	One of the crew found to be suffering from Heart Disease. Medical treatment recommended.
,, 25	s.s. "Royal Dane"	,, ...	Hamburg ...	—	Vessel fumigated in accordance with Plague Regulations at Hamburg.
,, 26	s.s. "Falken" ...	Swede ...	Dunkirk ...	Consumption ...	Medical Officer of Health examined one of the seamen and found him to be suffering from consumption. Medical treatment recommended.
,, 26	s.s. "Hercules" ...	British ...	Calcutta and Dunkirk ...	Pleurisy ...	Medical Officer of Health examined the Lascars crew and found one suffering from a non-infectious disease, and one from accident.
Oct. 2	s.s. "Algoma" ...	,, ...	Rotterdam ...	Cold ...	Medical Officer of Health examined one of the crew and found him suffering from a non-infectious disease. Medical treatment recommended.
,, 5	s.s. "Sovereign" ...	Norwegian	Arendal ...	Cerebral Hemorrhage	Medical Officer of Health examined the body of the steward who was found dead, and certified the cause of death as Cerebral Hemorrhage.
Nov. 2	s.s. "Turbo" ...	British ...	Singapore and London	Non-infectious ...	Medical Officer of Health examined the Chinese crew, and found one of the crew suffering from a non-infectious disease. Medical treatment recommended.

TABLE II.—*Continued.*

Date.	Name of Vessel.	Nationality.	Where from.	Nature of Sickness.	REMARKS.
Nov. 2	s.s. "Keemum" ...	British ...	Tacoma and Singapore ...	Tonsilitis ...	Medical Officer of Health visited vessel and found one of the crew suffering from a Sore Throat. Medical treatment recommended.
" 2	s.s. "Ailsa Craig" ...	" ...	Bremerhaven	Rheumatism ..	One of the crew was found to be suffering from Rheumatism. Medical treatment recommended.
Dec. 2	s.s. "Ormesby" ...	" ...	Nicolief and Emden ...	Diarrhoea ...	Medical Officer of Health examined six of the crew who were suffering from Diarrhoea. Medical treatment recommended.
" 14	s.s. "Matt Bedlington"	" ...	Ergasteria ...	Enteric Fever ...	Medical Officer of Health examined one of crew who was suffering from Enteric Fever, and ordered his removal to the Floating Hospital. The crew space was thoroughly disinfected. The water was changed and tank cleansed.
" 15	sch. "Anna" ...	Russian ...	Riga ...	Eczema ...	Medical Officer of Health examined one of the crew, and he was found to be suffering from Eczema. Medical treatment recommended.
" 24	s.s. "Bothnia" ...	Swede ...	Bilbao ...	Rheumatism ...	Medical Officer of Health examined one of the crew who was suffering from Rheumatism. Medical treatment recommended.
" 26	s.s. "Royal Dane" ...	British ...	Hamburg ...	—	Vessel fumigated in accordance with Plague Regulations at Hamburg.
" 26	s.s. "John Ormston"	" ...	" ...	—	Vessel fumigated in accordance with Plague Regulations at Hamburg.

SMALLPOX AND SUSPECTED SMALLPOX.

Date.	Name of Vessel.	From.	On Voyage	On or after Arrival.	Remarks.	Notes on Arrival in Tyne.
January 12 ...	s.s. "Eras. Wilson" ...	London	1	—	Case landed at London.	1903. Vessel and crew's effects disinfected at London.
April 20 ...	s.s. "Euphrates" ...	Bombay and Hamburg	1	—	Case landed at Suez.	Vessel and crew's effects disinfected at Suez and Hamburg.
„ 30 ...	bk. "Glencona" ...	San Francisco and Liverpool	—	1	Case landed at Floating Hospital.	Vessel and crew's effects disinfected here.
July 9 ...	s.s. "Elantsobe" * ...	Bilbao and Middlesbro'	—	1	Case landed at North Shields.	Vessel and crew's effects disinfected here.
			2	2		

* Case proved to be German Measles.

MEASLES.

January 15 ...	s.s. "Riberhuus" ...	Copenhagen ...	—	1	Case landed at Floating Hospital.	1903. Vessel and crew's effects disinfected here.
			—	1		

INFLUENZA.

Nine cases reported on voyage and on arrival.

ENTERIC OR TYPHOID FEVER.

Date.	Name of Vessel.	From.	On Voyage.	On or after Arrival.	Remarks.	Notes on arrival in Tyne.
Jan. 7 ...	s.s. "Rossija" ...	Libau and Rotterdam	—	1	Case developed after arrival at North Shields ...	Vessel disinfected here
,, 13 ...	s.s. "Yola" ...	Bombay and Kratzwick	1	—	Case landed at Gibraltar ...	Vessel disinfected at Gibraltar
Feb. 9 ...	s.s. "Port Victoria" ...	Australia and Antwerp	—	1	Case landed at Floating Hospital ...	Vessel disinfected here
,, 19 ...	s.s. "Ottawa" ...	Philadelphia & Gothenborg	—	1	Case landed at Floating Hospital ...	Vessel disinfected here
Mar. 3 ...	s.s. "Sultan van Langkat"	Dundee ..	1	—	Case landed at Dundee ...	Vessel disinfected at Dundee
May 7 ...	s.s. "Gordonia" ...	Genoa and Coglare	—	1	Case landed at Floating Hospital ...	Vessel disinfected here
,, 21 ...	s.s. "Aldgate" ...	Cape Colony and Antwerp	1	—	Buried at Sea ...	—
June 20 ...	s.s. "Holmside" ...	Buenos Ayres and Antwerp	1	—	Buried at Sea ...	—
July 16 ...	s.s. "Waverley" ...	Savannah and Bremerhaven	1	—	Case landed at Bremerhaven ...	Vessel disinfected at Bremerhaven
,, 31 ...	s.s. "Hurona" ...	Montreal and London	1	—	Case landed at London ...	Vessel disinfected at London
Aug. 15 ...	s.s. "Diligent" ...	Poti ...	—	1	Case removed to Deans Hospital, South Shields ...	Vessel disinfected here
,, 22 ...	s.s. "Tromp" ...	Mobile ...	—	1	Case removed to Tyne-mouth Infirmary	Vessel disinfected here
Sept. 6 ...	s.s. "Helios" ...	Philadelphia and Bergen	—	1	Case removed to Deans Hospital, South Shields ...	Vessel disinfected here
,, 10 ...	s.s. "Arab" ...	Smyrna and Hull	1	—	Buried at Sea ...	—
,, 29 ...	s.s. "George Fleming"	Galveston and London	1	—	Case landed at London ...	Vessel disinfected at London
Oct. 26 ...	s.s. "Oilfield" ...	Philadelphia and Rouen	2	—	1 landed at Chester & 1 at Philadelphia	Vessel disinfected at Chester and Philadelphia
Nov. 11 ...	s.s. "Jessie" ...	Hartlepool and Middlesborough	1	—	Case landed at Middlesborough	Vessel disinfected at Middlesborough
,, 24 ...	s.s. "Alala" ..	Alexandria and London	1	—	Case landed at London ...	Vessel disinfected at London
,, 28 ...	s.s. "Ibex" ...	Kustendje and Rotterdam	1	—	Case landed at Kustendje ..	Vessel disinfected at Kustendje
Dec. 12 ...	s.s. "Matt Bedlington"	Ergasteria ...	—	1	Case landed at Floating Hospital ...	Vessel disinfected here
			13	8		

SCARLET FEVER.

Feb. 15 ...	sch. "Lady Flora Hastings"	London ...	—	1	Case landed at Floating Hospital ...	Vessel disinfected here
				1		

DIARRHŒA, CHOLERAIC AND SUSPICIOUS CASES.

Date		Name of Vessel.		From.		No. of Cases.	
						On Voyage.	On or after Arrival.
Jan. 21	...	s.s. "Earnford"	...	Stettin	...	1	—
" 28	...	s.s. "Tynemouth"	...	Sea	...	1	—
Feb. 11	...	s.s. "Monomoi"	...	Philadelphia and Rotterdam	...	—	1
" 18	...	s.s. "Tyne Stream"	...	Sea	...	2	—
" 19	...	s.s. "Oscar II."	...	Oxelosund and Rotterdam	...	—	3
June 15	...	s.s. "Raithwaite"	...	Selina	...	1	—
" 16	...	s.s. "Hildur"	...	Valencia and Hull	...	1	—
July 25	...	s.s. "Gloxinia"	...	Carthage and Rotterdam	...	1	—
Aug. 13	...	s.s. "Bellona"	...	Montreal	...	4	—
Sept. 8	...	s.s. "Karmo"	...	Hamburg	...	1	—
" "	...	s.s. "Lord Ormonde"	...	Mobile and Hamburg	...	—	—
" 4	...	s.s. "F. C. Andersen"	...	Baltic Poole	...	—	1
" 15	...	s.s. "Helga"	...	Rouen	...	—	1
" 22	...	s.s. "Nordhavet"	...	Norfolk and Hamburg	...	1	—
" 26	...	s.s. "Hercules"	...	Calcutta and Amsterdam	...	1	—
Oct. 12	...	s.s. "Ruskin"	...	Rosario	...	1	—
" 29	...	s.s. "Circassia"	...	Middlesbro'	...	—	1
Nov. 4	...	s.s. "Echo"	...	Konigsberg	...	—	1
" 21	...	s.s. "Etna"	...	Oran and Granton	...	1	—
Dec. 2	...	s.s. "Ormesby"	...	Emden	...	—	6
" 9	...	s.s. "Cornucopia"	...	San Pedro	...	1	—
Total ...						19	14

MALARIAL FEVER.

Jan. 13	...	s.s. "Yola"	...	Bombay and Kratzwick	...	1	—
" 15	...	s.s. "Straits of Dover"	...	Savannah and Bremerhaven	...	1	—
" 30	...	s.s. "Puritan"	...	Singapore and Stettin	...	6	—
Feb. 26	...	s.s. "Aladdin"	...	Calcutta and Dundee	...	8	—
Mar. 13	...	s.s. "Regimen"	...	Baljik and Granton	...	1	—
Apr. 9	...	s.s. "Cabenda"	...	Africa and Rotterdam	...	1	—
May 4	...	s.s. "Auchenblae"	...	Cape Town and Rotterdam	...	—	1
" 22	...	s.s. "Florida"	...	Calcutta, Buenos Ayres and Hamburg	...	1	—
July 22	...	s.s. "Gorbea Mendi"	...	Porman and Middlesbro'	...	—	1
Aug. 1	...	s.s. "Tolesby"	...	Port Elizabeth, India and Bergen	...	1	—
Sept. 21	...	s.s. "Mimomoy"	...	Galveston and Hamburg	...	1	—
" 22	...	s.s. "Robina"	...	Tampa and Lynn	...	1	—
Nov. 3	...	s.s. "Iran"	...	Galveston and Havre	...	4	—
" 4	...	s.s. "Cayo Largo"	...	Mobile and Rotterdam	...	5	—
" 5	...	s.s. "Cairndhu"	...	Burutn and Rotterdam	...	9	—
" 10	...	s.s. "Cabenda"	...	West Coast and Hamburg	...	2	—
Total ...						42	2

DYSENTERY.

Aug. 13	...	s.s. "Bellona"	...	Montreal	...	1	—
Total ...						1	—

GENERAL SICKNESS ON BOARD

The subjoined Table gives a return of cases of Sickness* reported by Masters
notice of the Tyne Port Officials

TABLE

DATE. 1903.	Smallpox or Suspected Smallpox.	Scarlet Fever.	Measles.	Influenza.	Enteric Fever.	Diarrhoea or Choleraic Diarrhoea.	Erysipelas.	Dysentery.	Malarial Fever.	Inflammation.	Boils.	Blood Poisoning.	Asiatic Cholera.	Veneral.	Consumption.	Heart Disease.
January ...	1	...	0 1	2	2	2	...	...	8	x 4	...	x 2	..	7	x 3	...
February ...	...	...	0 1	4	xoo 2	6	...	...	8	1	...	...	...	4	x 1	...
March ...	...	...	...	1	1	...	...	...	1	1	...	2	...	7	x 4	x 1
April ...	0 2	...	...	...	...	...	...	...	1	1	...	1	...	7	1	...
May ...	...	...	...	...	ox 2	...	...	...	2	1	...	...	...	4	...	3
June ...	...	...	...	1	x 1	2	...	...	...	3	...	...	...	3	...	...
July ...	* 1	...	...	...	1	1	...	...	1	1	...	...	...	4	1	xx 3
August ...	...	...	...	1	* 3	4	...	1	1	1	...	...	...	2	1	...
September ...	...	...	...	...	*xx 3	7	...	...	2	...	1	...	...	4	1	1
October ...	...	...	...	...	2	2	...	...	...	1	...	1	...	4	2	x 2
November ..	...	...	...	...	2	2	...	...	20	1	...	1	...	11	1	1
December ..	...	...	...	...	o 2	7	...	...	...	2	1	2	...	5	...	...
TOTALS ...	4	1	1	9	21	33	...	1	44	17	2	9	...	62	15	11

The names of the Diseases during voyage are given as reported by the Masters of the Vessels.

VESSELS ARRIVING IN TYNE PORTS.

of Vessels as having occurred during the Voyage, or coming under the in each month of the year 1903.

IV.

Rheumatism.	Neuralgia.	Lumbago.	Cold.	Pneumonia.	Pleurisy.	Bronchitis.	Tonsillitis.	Cramp.	Indigestion.	Beri Beri.	Rupture.	Ill-defined.	Debility.	Fever and Ague.	Insanity.	Accidents.	Paralysis.	Intemperance.	TOTALS.
14	5	...	...	x 1	2	...	4	...	...	1	...	...	...	x 4	...	...	63
3	11	...	...	2	...	...	1	ooo 3	...	...	2	...	1	xxx 10	...	...	60
7	4	...	...	...	...	...	1	...	1	...	...	...	...	xxx 10	...	...	41
...	...	1	5	...	...	1	1	1	...	...	1	...	1	...	...	xx 6	...	...	30
1	1	...	...	1	1	1	...	...	1	...	...	...	6	...	...	24
2	1	1	...	1	...	...	1	...	1	...	...	1	1	x 10	...	...	29
1	5	...	1	1	...	2	...	...	1	...	...	...	...	6	...	...	30
2	...	1	2	1	1	1	1	...	1	...	...	...	...	...	1	x 10	...	1	36
5	10	...	1	1	1	1	...	...	1	...	1	...	...	xx 11	x 1	...	52
3	...	1	5	...	...	...	1	...	3	2	1	...	1	...	...	xx 11	x 1	...	43
2	...	1	7	...	...	...	1	...	2	xx 3	1	...	...	1	x 1	x 5	1	1	65
2	...	3	8	...	x 1	2	1	...	2	...	1	4	...	...	x 1	xx 21	...	1	66
42	...	7	63	3	4	10	9	5	16	8	8	6	5	2	5	110	3	3	539

x Deaths.

o Removed to Tyne Floating Hospital.

* Removed to Shore Hospitals.

Vessels arriving from Infected or Suspected Ports.*

The following return shows the number of Vessels boarded in this Port by the Officers of the Port Sanitary Authority, on account of coming directly or otherwise from Foreign Ports infected, or suspected to be infected, with Cholera, Yellow Fever, Plague, or Smallpox:—

MONTHS.	From Infected Ports.		From Suspected Ports.		TOTALS.
	Direct to the Tyne.	To the Tyne Indirectly.	Direct to the Tyne.	To the Tyne Indirectly.	
	No. of Vessels.	No. of Vessels.	No. of Vessels.	No. of Vessels.	
January	13	28	12	40	93
February	15	27	10	42	94
March... ..	14	29	12	30	85
April	8	26	11	37	82
May	12	40	10	47	109
June	12	38	7	36	93
July	7	19	13	30	69
August	15	21	7	16	59
September	10	28	14	36	88
October	10	49	8	43	110
November	9	21	8	52	90
December	17	55	10	61	143
Total	142	381	122	470	1,115

* See Opposite Page.

Vessels arriving in the Tyne from infected ports were boarded by the Officers of the Tyne Port Sanitary Authority, as under:—

NAME OF PORTS.	Direct to the Tyne.	To the Tyne Indirectly.	NAME OF PORTS.	Direct to the Tyne.	To the Tyne Indirectly.
Alexandria	—	18	<i>Brought Forward</i> ...	138	298
Aquillas	—	8	Oran	1	17
Almeria	2	24	Oporto	—	6
Algiers	1	3	Persian Gulf ...	—	1
Buenos Ayres ...	1	18	Rio Janeiro ...	—	3
Bombay	—	17	River Plate ...	—	25
Bilbao	89	152	Rangoon	—	3
Benisaf	31	4	Singapore	—	3
Calcutta	—	18	Smyrna	—	6
Carthagenas ...	5	27	Santos	—	2
Garrucha	9	4	Tripoli	2	2
Japan	—	3	Kurrachee	—	15
Monte Video ...	—	2	Pernambuco ...	1	—
<i>Carried Forward</i> ...	138	298	Total	142	381

Emigrants.

Emigrant vessels coming to the Tyne have, as heretofore, been visited by the Inspectors on arrival, and kept under supervision whilst in port.

Information as to Emigrants debarking here and proceeding overland to other British Ports, continues to be forwarded to the Medical Officers of Health of the respective Ports.

The number of Emigrants passing through the Tyne Port during 1903, so far as is known, was as follows :—

								No. of Emigrants.
For America by White Star Line from Liverpool	...	...	...	...	...	...	...	1,438
„ „ Cunard Line „ „	...	...	...	...	...	...	...	1,916
„ „ American Line „ „	...	...	...	...	...	...	...	323
„ „ Beaver Line „ „	...	...	...	...	...	...	...	435
„ „ Allan Line „ „	...	...	...	...	...	...	...	197
„ „ Anchor Line from Glasgow	...	...	...	...	...	...	...	98
„ „ Dominion Line from Liverpool	...	...	...	...	...	...	...	135
„ „ Union Castle Line ... ..	...	...	...	...	...	...	...	14
„ „ Canadian Pacific ... ..	...	...	...	...	...	...	...	130
								4,686
								4,686

General Sanitary Work.

The following is the report of inspections made and other work done by Inspector Irvin and his assistants :—

Vessels inspected during the year 1903 :—

British Steamers	...	...	...	...	...	...	...	3,990
„ Sailing Vessels	...	...	...	...	...	...	...	208
„ Fishing „	...	...	...	...	...	...	...	1,555
Foreign Steamers	...	...	...	...	...	...	...	2,104
„ Sailing Vessels	...	...	...	...	...	...	...	333
								8,190
Extra Visits Paid	...	...	...	...	...	...	...	407
Visits to Water Boats	...	...	...	...	...	...	...	25
„ Gangways	...	...	...	...	...	...	...	23
								8,645
Total Number of Visits								8,645

The Nationalities of the Vessels were as follows :—

[illegible]

Of the above Vessels, the Sanitary condition was as follows :—

above Vessels, the Sanitary condition was as follows :—	8,190
Good... ..	7,064
Structural defects	596
Dirty condition	530

Total	8,190
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The number of Vessels inspected during each of the last twenty-four years has been as follows* :—

[illegible]

The structural defects of Vessels observed include the following :—

							Cases.
Insufficient Ventilation ...	...	...	...	...	...	...	34
Iron Deck to Line with Wood ...	...	...	...	...	...	...	61
Paint Locker in bad position ...	...	...	...	...	...	...	28
Defective Lighting ...	...	...	...	...	...	...	17
Defective Water Closets ...	...	...	...	...	...	...	5
Forecastle Deck Leaking ...	...	...	...	...	...	...	161
Side Scuttles to re-fit ...	...	...	...	...	...	...	187
Forecastle Flooring Defective ...	...	...	...	...	...	...	6
Defective Drainage ...	...	...	...	...	...	...	50
„ Bulkhead ...	...	...	...	...	...	...	37
„ Stoves ...	...	...	...	...	...	...	10
Total ...							<u>596</u>

The peaks, forecastles, water closets, and bilges of the vessels specified under were found in dirty condition. Orders given to cleanse same were fully complied with.

British Steamers ...	...	...	...	...	...	...	532
„ Sailing Vessels ...	...	...	...	...	...	...	43
„ Fishing Vessels ...	...	...	...	...	...	...	63
Foreign Steamers ...	...	...	...	...	...	...	411
„ Sailing Vessels ...	...	...	...	...	...	...	77
Total ...							<u>1,126</u>

Total number of crews of vessels visited by the Inspectors ...	...	...	135,897
„ „ passengers „ „ „ „ ...	...	...	33,397
„ „ emigrants arriving in the Tyne „ „ ...	...	...	4,686
Total ...			<u>173,980</u>

Vessels arriving Coastwise and inspected ...	...	...	4,198
Fishing vessels arriving Coastwise and inspected ...	...	...	1,555
Vessels arriving from Foreign Ports and inspected ...	...	...	2,437
			<u>8,190</u>

Special Cargoes Inspected.

Among the different cargoes examined by the Inspectors were the undermentioned :—

Description.	Onions.	Wheat.	Foreign and British Fish.	Potatoes.	Fruit.	Bones.	Total.
No. of Consignments examined	6	88	1,555	5	54	1	1,709

Water-Boats and Water Supply to Ships in Port.

The water-boats, 25 in number, have been examined as usual, and the tanks found in good condition.

In 104 cases the *drinking water* of ships, which came from Ports infected, or suspected to be infected, with Cholera, has been changed, and the purification of the tanks has been seen to by the Inspector, acting under the direction of the Medical Officer of Health.

Advices as to Sickness

on shipboard, and other matters, continued to be received from and forwarded to the Health Departments of other British Port Sanitary Authorities.

Clothing and Bedding.

13 vessels and several lots of clothing or bedding have been **disinfected**. 42 old beds have been burnt, and 1 lot of filthy clothing has been destroyed, on account of infection.

Passenger Steamers.

The Passenger Steamers arriving continue to be regularly visited and examined.

Fishing Boats.

The total arrival of fishing vessels at the Quay, North Shields, steam and sailing, is 14,101* (7,071 Trawlers and 7,030 Herring Boats), as compared with a total of 13,340 in the previous year. 63 of these, in foul condition, were cleansed and deodorized on notice from the Inspector. The rest were in good order.

Foul Cattle Ships.

The Inspector reports that 1 Cattle Ship arrived in the Port direct with cattle, and 1 after having landed cattle elsewhere. They were cleansed under his supervision.

* From a return courteously furnished by Mr. Thos. MacKenzie, Quay Master, North Shields.

Regulations.

Copies of Regulations issued have, as usual, been posted on all gangways, and delivered on board of vessels in the port.

Cholera, Yellow Fever, and Plague.

No cases occurred in the Tyne Port during the year 1903.

Floating Hospital.

During the past year a great improvement has been carried out at the Floating Hospital, a new separate Administrative Block with detached Laundry and Steam Disinfecting Chamber has been completed. The structure is moored North of the Hospital, two strong gangways give ready access to the main deck, and with the East, West, and South Wards it forms a spacious quadrangle. The Caretakers' quarters comprise sitting room, kitchen, and three bedrooms; Nurses' accommodation is increased by one large bedroom (2 beds); the Laundry and Disinfecting Chamber is a separate structure. The steam launch can moor alongside at any time of tide, and the whole arrangement makes the Floating Hospital complete and a model hospital of its class.

W. EDMUND HARKER, M.D., D.Hy.,

Medical Officer.

Tynemouth,

January 1904.